

Clean Set of Amended Claims

~~Sub E17  
D1~~ 18. (Twice Amended) The auditory prosthesis of claim 16, wherein the pseudospontaneous driving signal includes one of (i) a pulse train generating substantially continuous activation, (ii) a broad band noise, or (iii) at least fluctuations in amplitude greater than prescribed amount at a frequency above approximately 2k Hz, wherein the electrical signals stimulate the auditory nerve.

~~Sub E17  
D2~~ 21. (Amended) The method of claim 11, wherein the second signal includes one of (i) a pulse train generating substantially continuous pseudospontaneous activity, (ii) a broad band noise, and (iii) at least fluctuations in amplitude greater than prescribed amount at a frequency above approximately 2k Hz that causes statistically independent activity in a plurality of nerve fibers of the nerve, wherein the driving signal is used to modulate a carrier signal.

~~Sub E17  
D3~~ 27. (Amended) The apparatus according to claim 22, wherein the prosthesis is a cochlear implant applying current to the auditory nerve, wherein the combined signal is for modulation of a carrier signal.

Sub E7  
D4

31. (Amended) The method of claim 29, wherein the neural prosthetic apparatus is a cochlear implant, wherein the second signal and the electrical signal are used to modulate a carrier signal.